

REMARKS

The objections set forth in paragraphs 1 and 2 have been cured by amending the specification. In view of the specification amendment, the drawing change is no longer necessary. Therefore, reconsideration is requested. Namely, since the prong has been re-designated the tab, and the tab was previously also designated 32, a different reference numeral is not used for different objects. Therefore, the drawings should be acceptable.

Claim 1 was rejected over the combination of Liao in view of Ciambrone. Ciambrone teaches an infrared soldering tool. It has nothing to do with the socket.

The office action suggests that it would be obvious to combine the two references “to use the moldable infrared transparent material that can sustain applied pressure as taught by Ciambrone for the cap in Liao as a means of obtaining a reliably soldered product.” However, there is no rationale to modify Liao to modify his cap. Namely, the structure shown in Ciambrone is part of a soldering tool. If one were to apply Ciambrone to Liao, one would simply use Ciambrone’s soldering tool over the top of Liao’s cap. There is nothing that suggests modifying the cap to have a material, only used in the soldering tool in the applied reference.

Absent some additional teaching, which is not cited, one skilled in the art would only combine the references by using the tool to do reflow in the product of Liao. Nothing suggests modifying the cap of Liao to make it transparent to infrared radiation.


For this first reason, reconsideration is requested.

On a second grounds, there is no rationale to combine the two references because Liao teaches only a tool 10 for soldering, not any part of a socket. The tool 10 is specially adapted to hold down tabs 11 onto lands 13. No such application occurs in Liao. Thus, one skilled in the art would see no reason to apply Ciambrone to the problem solved by Liao. For this additional reason, reconsideration is respectfully requested.

In short, nothing suggests making any portion of the socket itself infrared transmissive. Therefore, reconsideration of the rejection of claim 1 is respectfully requested with respect to the other claims.

Respectfully submitted,

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